DIRECTIONS: For each red item, type YOUR information in, and delete the red item. Leave in the black headings (you may delete the sentence number recommendations).

TITLE OF LAB

Your name

The names of your partners

The date you did the experiment

The location of the experiment

**ABSTRACT – about 7 sentences.**

What was your hypothesis?

Describe your experiment.

Describe your results.

Did your results support your hypothesis?

Were there any factors that might have affected the accuracy of your results?

**INTRODUCTION – about 15 sentences.**

Describe what you think will become easier to understand after doing this experiment.

Give some facts about the chemicals or equipment that you will be using.

Have there been any experiments like this before? Explain how yours will add something new to them.

Make some logical predictions about your experiment.

List a few facts that might be interesting or helpful to the reader.

What is your hypothesis?

**MATERIALS – just a list.**

List all the materials that you used. Be specific. Remember, a reader must be able to re-create your experiment using this information.

**METHODS – about 15 sentences.**

Write out exactly what you did. DO NOT give a set of directions and DO NOT tell the reader what to do; rather, tell him what you ALREADY DID. Write in the past tense using the passive voice. DO NOT use “I” or “We” in the methods section. Include enough detail so that a scientist could recreate your experiment.

BAD example: “We put 200 mL of water into the beaker.”

GOOD example: “200 mL of water was put into the beaker.”

**RESULTS**

Include a graph with a caption explaining it.

**CONCLUSIONS**

Was your hypothesis supported or not supported?

Explain WHY it was supported or not.

What are some possible sources of error in your experiment?

How can this data help you better understand the ideas behind the experiment?

How reliable do you think your results are?

Relate your hypothesis to your results.

Explain how you could do another experiment to gain a better understanding of the idea.

Explain what you could improve about your experiment to get better results.